CLAIMS

1.   An imaging system, comprising:

a destination selection control configured for manipulation to select a destination for scan data;

a component configured to determine a scan resolution for the scan data corresponding to a data type associated with the destination; and

an imaging device configured to generate the scan data with the scan resolution.

2.   An imaging system as recited in claim 1, wherein the component is a scanning software component.

3.   An imaging system as recited in claim 1, wherein the component determines the scan resolution corresponding to an image data type.

4.   An imaging system as recited in claim 1, wherein the component determines a 150 pixel per inch scan resolution corresponding to an image data type.

5.   An imaging system as recited in claim 1, wherein the component determines the scan resolution corresponding to a text data type.

6.   An imaging system as recited in claim 1, wherein the component determines a 300 pixel per inch (ppi) scan resolution corresponding to a text data type.

Case No. 10017728-1

7.   An automatic document feed scanning device, comprising:

a destination selection control configured for manipulation to select a destination for scan data;

a component configured to determine a scan resolution for the scan data corresponding to a data type associated with the destination; and

an imaging unit configured to generate the scan data with the scan resolution.

8.   An automatic document feed scanning device as recited in claim 7, wherein the component is a scanning software component.

9.   An automatic document feed scanning device as recited in claim 7, wherein the component determines the scan resolution corresponding to an image data type.

10.   An automatic document feed scanning device as recited in claim 7, wherein the component determines a 150 pixel per inch (ppi) scan resolution corresponding to an image data type.

11.   An automatic document feed scanning device as recited in claim 7, wherein the component determines the scan resolution corresponding to a text data type.

12.   An automatic document feed scanning device as recited in claim 7, wherein the component determines a 300 pixel per inch (ppi) scan resolution corresponding to a text data type.

13.   An imaging system, comprising:

a resolution selection control configured for manipulation to select a destination resolution;

a component configured to determine a scan resolution that is different than the destination resolution; and

an imaging device configured to generate the scan data with the scan resolution.

14.   An imaging system as recited in claim 13, wherein the component determines the scan resolution less than the destination resolution.

15.   An imaging system as recited in claim 13, wherein the component determines the scan resolution greater than the destination resolution.

16.   An imaging system as recited in claim 13, wherein the component determines the scan resolution based on a variable resolution mapping.

17.   An imaging system as recited in claim 13, wherein the component determines the scan resolution based on a variable resolution mapping having scan resolution values corresponding to selected destination resolution values.

18.   An imaging system as recited in claim 13, wherein the component is a scanning software component.

Case No. 10017728-1

19. An imaging system as recited in claim 13, wherein the imaging device generates the scan data with a 300 pixel per inch (ppi) scan resolution for any selected destination resolution of 300 ppi or greater.

20. A method, comprising:

selecting a destination for scan data;

determining a scan resolution for the scan data corresponding to a data type associated with the destination; and

generating the scan data with the scan resolution.

21. A method as recited in claim 20, wherein determining the scan resolution includes determining the scan resolution corresponding to an image data type.

22. A method as recited in claim 20, wherein determining the scan resolution includes determining a 150 pixel per inch scan resolution corresponding to an image data type.

23. A method as recited in claim 20, wherein determining the scan resolution includes determining the scan resolution corresponding to a text data type.

24. A method as recited in claim 20, wherein determining the scan resolution includes determining a 300 pixel per inch scan resolution corresponding to a text data type.

Case No. 10017728-1

25.   A method, comprising:

selecting a destination resolution for scan data;

determining a scan resolution that is different than the destination resolution; and

generating the scan data with the scan resolution.

26.   A method as recited in claim 25, wherein determining includes determining a scan resolution that is less than the destination resolution.

27.   A method as recited in claim 25, wherein determining includes determining a scan resolution that is greater than the destination resolution.

28.   A method as recited in claim 25, wherein determining includes determining a scan resolution based on a variable resolution mapping.

29.   A method as recited in claim 25, wherein determining includes determining a scan resolution based on a variable resolution mapping having scan resolution values corresponding to selected destination resolution values.

30.   A method as recited in claim 25, wherein generating includes generating the scan data with a 300 pixel per inch (ppi) scan resolution for any selected destination resolution of 300 ppi or greater.

31.   A method as recited in claim 25, wherein generating includes interpolating the scan data to generate the scan data with the destination resolution.

32.   A method as recited in claim 25, wherein generating includes interpolating the scan data to generate the scan data with an improved resolution.

33.   A method as recited in claim 25, wherein generating includes interpolating the scan data to generate the scan data with an optimal resolution for a scan data type.

34.   One or more computer-readable media comprising computer executable instructions that, when executed, direct a computing system to perform a method comprising determining a scan resolution for scan data corresponding to a data type, and generating the scan data with the scan resolution.

35.   One or more computer-readable media as recited in claim 34, wherein determining the scan resolution includes determining the scan resolution corresponding to an image data type.

36.   One or more computer-readable media as recited in claim 34, wherein determining the scan resolution includes determining the scan resolution corresponding to a text data type.

Case No. 10017728-1

37.   One or more computer-readable media comprising computer executable instructions that, when executed, direct a computing system to perform a method comprising determining a scan resolution that is different than a selected destination resolution for scan data, and generating the scan data with the scan resolution.

38.   One or more computer-readable media as recited in claim 37, wherein determining includes determining a scan resolution that is less than the destination resolution.

39.   One or more computer-readable media as recited in claim 37, wherein determining includes determining a scan resolution that is greater than the destination resolution.

40.   One or more computer-readable media as recited in claim 37, wherein determining includes determining a scan resolution based on a variable resolution mapping.

41.   One or more computer-readable media as recited in claim 37, wherein determining includes determining a scan resolution based on a variable resolution mapping having scan resolution values corresponding to selected destination resolution values.

42.   One or more computer-readable media as recited in claim 37, wherein generating includes generating the scan data with a 300 pixel per inch (ppi) scan resolution for any selected destination resolution of 300 ppi or greater.

43. One or more computer-readable media as recited in claim 37, wherein generating includes interpolating the scan data to generate the scan data with the destination resolution.

44. One or more computer-readable media as recited in claim 37, wherein generating includes interpolating the scan data to generate the scan data with an improved resolution.

45. One or more computer-readable media as recited in claim 37, wherein generating includes interpolating the scan data to generate the scan data with an optimal resolution for a scan data type.